4.2 OUTPUT DESCRIPTION

Similar to model input, the South Florida Water Management Model generates several output files in three different formats: ASCII, grid_io and HECDSS. A short description of each output file follows.

ASCII Format

tape14 = daily discharge for selected structures (~1.8 Mb)
tape32 = monthly levee seepage flow summary (~160 Kb)
tape61 = daily Lake Okeechobee Service Area (LOSA) Supply-Side Management summary output (~3.2 Mb)
tape62 = daily water supply deliveries at major structures (~19.8 Mb)
tape63 = daily summary of flows for the Stormwater Treatment Areas (~872 Kb)
tape68 = daily demand/runoff summary for LOSAs (~501 Kb)
tape72 = monthly canal flow summary (~4.5 Mb)
tape73 = daily Caloosahatchee basin/estuary flows (~1.7 Mb)
tape74 = daily St. Lucie basin/estuary flows (~2.0 Mb)
tape75 = static data echo print (~230 Kb)
tape76 = daily stages at selected monitoring points (~1.6 Mb)
tape78 = daily canal stages (~3.2 Mb)
tape82 = yearly canal flow summary (~373 Kb)
tape96 = end-of-month stage data at selected monitoring points (~133 Kb)
lkrfetsto = end-of-month Lake Okeechobee rainfall, ET and storage data (~11 Kb)
trigoutp = primary output file for trigger module (~63 Kb)
trigwell = pumpage reduction file for trigger module (~6.1 Mb)
echotrig.out = echo file for trigger module input file (~6 Kb)

Grid_io Format

daily_stg_minus_lsel.bin = daily [stage - land surface elevation] data (~72 Mb)
est_et.bin = total monthly unrestricted and restricted ET for the six irrigation use-types (~6.3 Mb)
et_components.bin = ponding, unsaturated and saturated zone ET monthly totals (~10.8 Mb)
et_total.bin = total monthly ET (~2.2 Mb)
et_unsat_unacct.bin = total monthly amount of input unsaturated zone ET taken from the water table (~2.2 Mb)
gw_flow.bin = end-of-month x- and y-flow components for groundwater (~4.3 Mb)
infilt_perc.bin = infiltration and percolation monthly totals (~4.3 Mb)
ovflw_to_cnl = total monthly volume of overland flow captured by canals and vice versa (~2.2 Mb)
ponding.bin = end-of-month ponding depth (~2.2 Mb)

pumpage.bin = total monthly well pumpage taking into consideration water restrictions (~2.2 Mb)
rainfall.bin = total monthly rainfall (~2.2 Mb)
shortage.bin = public water supply and six irrigation use-type cutback amounts for grid cells in the LECSAs (~3.7 Mb)
stage.bin = end-of-month stage (~2.3 Mb)
supply.bin = total monthly public water supply and six irrigation use-type supplies for grid cells in the LECSAs (~15.1 Mb)
surface_flow.bin = end-of-month x- and y- components of overland flow (~4.3 Mb)
unsatdph.bin = end-of-month moisture content in the unsaturated zone for grid cells in the LECSAs (~2.2 Mb)

HECDSS Format

str2x2.dss = daily simulated structure discharges, cfs (~17.4 Mb)

note: All file sizes are approximate and refer to LECRWSP run for Alternative 3 (SFWMD, 1997).